

Title (en)
Sewing machine.

Title (de)
Nähmaschine.

Title (fr)
Machine à coudre.

Publication
EP 0020838 A1 19810107 (EN)

Application
EP 79302892 A 19791213

Priority
JP 7833479 A 19790620

Abstract (en)
A sewing machine has a feed mechanism (13, 31 to 35) for feeding cloth and a bight mechanism (45 to 49) for swinging a sewing needle (11) in a direction transverse to the cloth feeding direction. A plurality of switching devices (Qf1 to Qf10) is provided for selectively coupling to a feed control means (37, 83 to 103) a plurality of different amplitude reference signals for controlling the feed mechanism (13, 31 to 35), and a plurality of switching devices (Qb1 to Qb10) is provided for selectively coupling to a bight control means (43, 61 to 75) a plurality of different amplitude reference signals for controlling the bight mechanism (45 to 49), so as to produce a predetermined stitch pattern. A control, preferably formed by counter means (55, 77) responsive to a timing signal generated for each stitch in the pattern, is provided for selectively rendering conductive the switching devices.

IPC 1-7
G05B 19/18; **G05B 19/04**; **D05B 19/00**

IPC 8 full level
D05B 3/02 (2006.01); **D05B 19/12** (2006.01); **G05B 19/07** (2006.01); **G05B 19/4093** (2006.01)

CPC (source: EP)
D05B 19/12 (2013.01); **G05B 19/075** (2013.01); **G05B 19/40935** (2013.01)

Citation (search report)
• US 4135462 A 19790123 - BROWN JACK
• FR 2241830 A1 19750321 - VER FLUGTECHNISCHE WERKE [DE]
• US 3619756 A 19711109 - ROSSINI ERNEST M, et al

Designated contracting state (EPC)
CH DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0020838 A1 19810107; **EP 0020838 B1 19840620**; DE 2967067 D1 19840726; JP S563092 A 19810113

DOCDB simple family (application)
EP 79302892 A 19791213; DE 2967067 T 19791213; JP 7833479 A 19790620